

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/510888	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/03 15:08
S2	2	"20050202297"	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/03 15:08
S3	1	2003-812813.NRAN.	DERWENT	OR	ON	2008/10/03 15:09
S4	1556	schmitz-a\$.in. hebling-c \$.in. hahn-r\$.in. burger- b\$.in.	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/03 15:09
S5	1525	S4 not (fuel adj (cell battery))	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/03 15:09
S6	31	S4 not S5	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/03 15:09
S7	29	S6 not S2	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/03 15:09
S8	6	S7 and (pcb printed circuit)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/03 15:10
S9	633898	pcb "circuit board" "printed circuit" "motherboard" "mother board" "bread board"	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 20:47
S10	631156	S9 not (fuel adj (cell battery))	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 20:47

S11	2742	S9 not S10	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 20:48
S12	41	S11 and lug\$1	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 20:48
S13	1	2003-812813.NRAN.	DERWENT	OR	ON	2008/10/08 20:49
S16	634295	pcb "circuit board" "printed circuit" "motherboard" "mother board" "bread board"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:18
S17	631545	S16 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:18
S18	2750	S16 not S17	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:18
S19	2750	S18	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:18
S20	206	S19 and (rivet bore "press pin")	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:27
S21	59852	429/12-46.cols. h01m008\$.ipc. 427/115. cols.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:40
S22	59408	S21 not S16	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:40
S23	444	S21 not S22	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:40

S24	3	"9618217"	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:41
S25	2	"5952118".pn.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:42
S26	25	("4175165"   "4833045"   "5169731"   "5171646"   "5219673"   "5258240"   "5470671"   "5686197").PN. OR ("5952118").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2008/10/09 09:42
S27	15	("4824742").PN. OR ("5686197").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2008/10/09 09:43
S28	8	("20020150804"   "5686197"   "5925477"   "5989741").PN. OR ("6689502").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2008/10/09 09:44
S29	4	("20040013927"   "20050074651"   "6689502"   "6766817").PN. OR ("7323266").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2008/10/09 09:44
S30	20	("5925477").URPN.	USPAT	OR	ON	2008/10/09 09:44
S31	27	("4833045"   "5169731"   "5171646"   "5258240"   "5470671"   "5686197"   "5824428").PN. OR ("5925477").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2008/10/09 09:45
S32	34	("4738741"   "4752370"   "4889577"   "5039389"   "5190834"   "5783324"   "5861221"   "5863672").PN. OR ("5889741").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2008/10/09 09:45

S33	16	(US-20050123817-\$ or US-20080233464-\$ or US-20080003484-\$ or US-20060127741-\$ or US-20030091888-\$). did. or (US-6680139-\$ or US-6689502-\$ or US-7323266-\$ or US-5989741-\$ or US-5925477-\$ or US-6852436-\$ or US-6743541-\$ or US-5686197-\$ or US-7314677-\$ or US-5863672-\$ or US-5190834-\$). did.	US-PGPUB; USPAT	OR	ON	2008/10/09 09:46
S34	5	S33 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 09:46
S35	250	S23 and (series serial serially)	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:47
S36	12	("20010006745"   "20030012999"   "20030031908"   "20030180594"   "5686197"   "7018734").PN.	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:56
S37	1	10/510888	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 10:03
S38	1	S37	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:03
S39	1	S38 and around	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:03
S40	1	S38 and path	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:04
S41	2	"6127058".pn.	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:04

S42	2	"20050202297"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:15
S43	1	2003-812813.NRAN.	DERWENT	OR	ON	2008/10/09 10:15
S44	1828	sugai-k\$.in. miyao-t\$.in.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:16
S45	1754	S44 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:17
S46	74	S44 not S45	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:17
S47	1	2004-451661.NRAN.	DERWENT	OR	ON	2008/10/09 10:18
S48	7	"20030012999" "7018734".pn. "20010006745"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:18
S49	2	"20040142227"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:30
S50	1	S49 and solder	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:30
S51	0	S49 and diffusion	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:36
S52	1	S49 and weld\$4	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 10:40

S53	634295	pcb "circuit board" "printed circuit" "motherboard" "mother board" "bread board"	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:33
S54	634295	S53	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:33
S55	499432	solder\$4	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:33
S56	142373	fuel adj (cell battery)	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:34
S57	499432	S55	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:34
S58	497368	S55 not S56	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:34
S59	2064	S55 not S58	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:34
S60	1486	S59 not S53	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:34
S61	578	S59 not S60	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 13:34
S62	13334	SOLDER\$4 NEAR\$ INTERCONNECT\$4	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:11

S63	13271	S62 not S56	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:14
S64	63	S62 not S63	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:14
S65	59338	429/12-46.cds. h01m008\$.ipc.	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:21
S66	80	S65 and (solder\$4 near7 ((current adj collect\$4) interconnect \$4))	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:21
S67	2	"20040142227"	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:23
S68	1	S67 and (substrate S53)	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:23
S69	631545	S53 not S66	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:26
S70	2750	S53 not S69	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:27
S71	194	S70 and ((metal metallis \$4 metalliz\$4) near5 (bore throughhole hole via))	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:27
S72	107	S70 and rivet\$4	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:35

S73	1206	planar near3 S56	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:40
S74	322935	rivet\$4	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:40
S75	322921	S74 not S73	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:40
S76	14	S74 not S75	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:40
S77	12	S76 not S72	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:40
S78	1	10/510888	US-PGPUB; USPAT; USOOCR	OR	ON	2008/10/09 15:43
S79	1	S78	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:43
S80	1	S79 and raised	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:43
S81	1	S80 AND "13"	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:44
S82	6	S70 and ((gasket\$4 near7 surround\$4))	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:48
S83	805	S70 and (frame framed framing)	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 15:56

S84	1	S78 and fabric	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:01
S85	3141	fabric with (nickel gold)	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:04
S86	710414	S85 or S56	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:04
S87	3016	S85 not S56	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:04
S88	0	S85 not S86	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:04
S89	125	S85 not S87	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:04
S90	3067715	plastic polyethylene polypropylene	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:07
S91	149757	S90 near2 (cloth woven fabric paper)	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:07
S92	148997	S91 not S56	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:08
S93	760	S91 not S92	US-PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:08

S94	192	S93 and (S91 with (metal metallic gold nickel au ni))	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:08
S95	3333496	plastic polyethylene polypropylene nylon polyamide	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:12
S96	268081	S95 near5 (cloth woven fabric paper)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:12
S97	365	S96 with diffusion	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:13
S98	348	S97 not S65	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:13
S99	17	S97 not S98	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:13
S100	5973	S95 near10 (diffusion)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:16
S101	5866	S100 not S65	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:16
S102	107	S100 not S101	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:16
S103	97	S102 not S99	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 16:17

S106	2741889	plastic nylon polyamide	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:51
S107	675020	nylon polyamide	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:51
S108	61537	S107 near 5 (cloth woven fabric paper diffusion)	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:51
S109	61377	S108 not S65	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:51
S110	160	S108 not S109	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:51
S111	197	(gdl "gas diffusion" "diffusion layer") with (screen adj print\$4)	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:58
S112	0	S111 same (plastic nylon polyamide)	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:59
S113	79	S111 not S65	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:59
S114	118	S111 not S113	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 17:59
S115	71403	(gdl "gas diffusion" "diffusion layer")	US-PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 18:01

S116	376	S115 near10 (plastic nylon polyamide)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 18:01
S117	6	S116 and S111	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 18:01

10/14/2008 9:45:05 AM

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